

**Notice of Allowability**

Application No.

09/997,611

Examiner

TUAN A. PHAM

Applicant(s)

ZIPPER, ELIAV

Art Unit

2643

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7-20-2005.
2. ☒ The allowed claim(s) is/are 1-4, 6-15 and 17-22.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|   | 9. <input type="checkbox"/> Other _____   |

  
CURTIS KUNTZ  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

## **DETAILED ACTION**

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Attorney of record Frank Bogacz on 09-19-2005.

3. The application has been amended as follows:

In claim 11, line 8, delete "deactivating circuitry associated with an AGC loop in the transmitter during an interval when the transmitter is active and no gain adjustment is desired for a corresponding variable gain amplifier", the follows have been inserted: -- said transmitter includes a first variable gain amplifier and a duplicate of said first variable gain amplifier, wherein said method further comprises deactivating said duplicate of said first variable gain amplifier during an interval when the transmitter is active and no gain adjustment is desired for the first variable gain amplifier --.

In claim 15, line 1, delete "canceled", the follows have been inserted: -- The method of claim 11, comprising: deactivating circuitry associated with an AGC loop in

the transmitter during an interval when the transmitter is active and no gain adjustment is desired for a corresponding variable gain amplifier --.

**(End of Amendment)**

### **REASONS FOR ALLOWANCE**

4. Claims 1-4, 6-15, and 17-22 are allowed over the prior art of record.

5. The following is an examiner's statement of reasons for allowance:

The applicant's Remarks, filed on 07/20/2005, have been carefully reviewed with update search. Consequently, reasons for allowance of claims 1-4, 6-15, and 17-22 are set forth in according to the applicant's remarks stated on pages 8-9.

Regarding claims 1 and 18, the prior art made of record fails to clearly teach or fairly suggest, the feature of a transmitter comprises a first and second variable gain amplifier having a first and second AGC loop to control a gain thereof, the second variable gain amplifier being located within a common transmitter chain as the first variable gain amplifier and at least one of the first AGC loop and the second AGC loop is coupled to a duplicate circuit that mimics the operation of a corresponding variable gain amplifier in the transmitter chain, in combination with other limitations, as specified in the independent claims 1 and 18, and further limitations of their respective dependent claims 2-4, 6-10, and 19-22.

Regarding claim 11, the prior art made of record fails to clearly teach or fairly suggest, the logical consequent steps of a method of a transmitter includes a first variable gain amplifier and a duplicate of the first variable gain amplifier, wherein the method further comprises deactivating the duplicate of the first variable gain amplifier during an interval when the transmitter is active and no gain adjustment is desired for the first variable gain amplifier, in combination with other limitations, as specified in the independent claim 11, and further limitations of their respective dependent claims 12-15 and 17.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tuan A. Pham** whose telephone number is (571) 272-8097. The examiner can normally be reached on Monday through Friday, 8:00 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Curtis Kuntz can be reached on (571) 272-7499 and


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Art Unit 2643  
September 21, 2005  
Examiner

Tuan Pham

  
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